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| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing)<br><b>APR 10 2002</b><br><b>U.S. PATENT &amp; TRADEMARK OFFICE</b> | Application Number     | 10/047,925       |
|  | Filing Date            | January 14, 2002 |
|  | First Named Inventor   | Moore, Raymond   |
|  | Group Art Unit         | 2161             |
|  | Examiner Name          | Unassigned       |
| Total Number of Pages in This Submission   | Attorney Docket Number | 020375-008600US  |

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|--|---|
| Firm and Individual name                   | Townsend and Townsend and Crew LLP<br>Patrick M. Boucher<br>Reg. No. 44,037 |
| Signature                                  | <i>Patrick M. Boucher</i>   |
| Date                                       | March 29, 2002  |

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| Typed or printed name   | Nina L. McNeill        |
| Signature   | <i>Nina L. McNeill</i> |
| Date  | March 29, 2002         |

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|--|------------------|---|--|--------------------|------------|-------------|------------------|----------------------|----------------|---------------|------------|----------------|------|---------------------|-----------------|
| <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="font-size: small; margin-top: 10px;">Patent fees are subject to annual revision.</p> |                  | <p><b>Complete if Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/047,925</td> </tr> <tr> <td>Filing Date</td> <td>January 14, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Moore, Raymond</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Group Art Unit</td> <td>2161</td> </tr> <tr> <td>Attorney Docket No.</td> <td>020375-008600US</td> </tr> </table> |  | Application Number | 10/047,925 | Filing Date | January 14, 2002 | First Named Inventor | Moore, Raymond | Examiner Name | Unassigned | Group Art Unit | 2161 | Attorney Docket No. | 020375-008600US |
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| Filing Date  | January 14, 2002 |   |  |                    |            |             |                  |                      |                |               |            |                |      |                     |                 |
| First Named Inventor   | Moore, Raymond   |   |  |                    |            |             |                  |                      |                |               |            |                |      |                     |                 |
| Examiner Name  | Unassigned       |   |  |                    |            |             |                  |                      |                |               |            |                |      |                     |                 |
| Group Art Unit   | 2161             |   |  |                    |            |             |                  |                      |                |               |            |                |      |                     |                 |
| Attorney Docket No.  | 020375-008600US  |   |  |                    |            |             |                  |                      |                |               |            |                |      |                     |                 |
| <p><b>TOTAL AMOUNT OF PAYMENT</b> (\$)</p>   |                  | <p><b>962</b></p>   |  |                    |            |             |                  |                      |                |               |            |                |      |                     |                 |

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|--|--|--------------------|-----------------|--|-----------------|-----------------|----------|-----|-----|-----|--------------------|-------------------------------------|-----|-----|-----|-----|-------------------|---|-----|-----|-----|-----|------------------|---------------------------|-----|-----|-------|-----|--------------------|--|-----|-----|------|-----|------------------------|--|---------------------|-----|--------|-----|--------|---|--------------|--------------------|--------------------|--------------|----------------|--|----|-------|-----|-----|------|---|---|------|-----|-----|------|--|--|-----|-------|-----|-----|---|----------------|-----------------|----------------|-----------------|-----------------|--|-----|-----|-----|-----|------------------------|------------------|-----|-----|-----|-----|-----------------------------------|--|-----|-----|-----|-----|---------------------------------------|--------------------------|-----|-----|-------|-----|--|---|-----|-----|-----|-----|--|----------------------------------|---------------------|-----|-------|-----|-----|------------------------------------|---|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|----|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|---------------------|--|--|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <b>20-1430</b></p> <p>Deposit Account Name: <b>Townsend and Townsend and Crew LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>  | <p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>130</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify)</td></tr> </tbody> </table> | Large Fee Code     | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65                 | Surcharge - late filing fee or oath | 130 | 127 | 50  | 227 | 25                | Surcharge - late provisional filing fee or cover sheet. |     | 139 | 130 | 139 | 130              | Non-English specification |     | 147 | 2,520 | 147 | 2,520              | For filing a request for reexamination |     | 112 | 920* | 112 | 920*                   | Requesting publication of SIR prior to Examiner action |                     | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action |              | 115                | 110                | 215          | 55             | Extension for reply within first month |    | 116   | 400 | 216 | 200  | Extension for reply within second month |   | 117  | 920 | 217 | 460  | Extension for reply within third month |  | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month |                | 128             | 1,960          | 228             | 980             | Extension for reply within fifth month |     | 119 | 320 | 219 | 160                    | Notice of Appeal |     | 120 | 320 | 220 | 160                               | Filing a brief in support of an appeal |     | 121 | 280 | 221 | 140                                   | Request for oral hearing |     | 138 | 1,510 | 138 | 1,510  | Petition to institute a public use proceeding |     | 140 | 110 | 240 | 55   | Petition to revive - unavoidable |                     | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional |   | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) |  | 143 | 460 | 243 | 230 | Design issue fee |  | 144 | 620 | 244 | 310 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional applications |  | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  | Other fee (specify) |  |  |  |  |  |
| Large Fee Code   | Entity Fee (\$)  | Small Fee Code     | Entity Fee (\$) | Fee Description  | Fee Paid        |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 105  | 130  | 205                | 65              | Surcharge - late filing fee or oath  | 130             |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 127  | 50   | 227                | 25              | Surcharge - late provisional filing fee or cover sheet.                    |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 139  | 130  | 139                | 130             | Non-English specification  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 147  | 2,520  | 147                | 2,520           | For filing a request for reexamination                                     |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 112  | 920*   | 112                | 920*            | Requesting publication of SIR prior to Examiner action                     |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 113  | 1,840*   | 113                | 1,840*          | Requesting publication of SIR after Examiner action                        |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 115  | 110  | 215                | 55              | Extension for reply within first month                                     |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 116  | 400  | 216                | 200             | Extension for reply within second month                                    |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 117  | 920  | 217                | 460             | Extension for reply within third month                                     |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 118  | 1,440  | 218                | 720             | Extension for reply within fourth month                                    |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 128  | 1,960  | 228                | 980             | Extension for reply within fifth month                                     |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 119  | 320  | 219                | 160             | Notice of Appeal   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 120  | 320  | 220                | 160             | Filing a brief in support of an appeal                                     |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 121  | 280  | 221                | 140             | Request for oral hearing   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 138  | 1,510  | 138                | 1,510           | Petition to institute a public use proceeding                              |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 140  | 110  | 240                | 55              | Petition to revive - unavoidable   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 141  | 1,280  | 241                | 640             | Petition to revive - unintentional   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 142  | 1,280  | 242                | 640             | Utility issue fee (or reissue)   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 143  | 460  | 243                | 230             | Design issue fee   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 144  | 620  | 244                | 310             | Plant issue fee  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 122  | 130  | 122                | 130             | Petitions to the Commissioner  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 123  | 50   | 123                | 50              | Petitions related to provisional applications                              |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 126  | 180  | 126                | 180             | Submission of Information Disclosure Stmt                                  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 581  | 40   | 581                | 40              | Recording each patent assignment per property (times number of properties) | 40              |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 146  | 740  | 246                | 370             | Filing a submission after final rejection (37 CFR § 1.129(a))              |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 149  | 740  | 249                | 370             | For each additional invention to be examined (37 CFR § 1.129(b))           |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 179  | 740  | 279                | 370             | Request for Continued Examination (RCE)                                    |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 169  | 900  | 169                | 900             | Request for expedited examination of a design application                  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| Other fee (specify)  |  |                    |                 |  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| <p><b>1. BASIC FILING FEE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td>740</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$740)</b></td></tr> </tbody> </table> <p><b>2. EXTRA CLAIM FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>-20**</td> <td></td> <td>4</td> <td>\$18</td> <td>\$72</td> </tr> <tr> <td>3</td> <td>-3**</td> <td></td> <td>0</td> <td>\$84</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>(\$72)</b></td></tr> </tbody> </table> | Large Fee Code   | Entity Fee (\$)    | Small Fee Code  | Entity Fee (\$)  | Fee Description | Fee Paid        | 101      | 740 | 201 | 370 | Utility filing fee | 740                                 | 106 | 330 | 206 | 165 | Design filing fee |   | 107 | 510 | 207 | 255 | Plant filing fee |                           | 108 | 740 | 208   | 370 | Reissue filing fee |  | 114 | 160 | 214  | 80  | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |     |        |     |        | <b>(\$740)</b>                                      | Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid                               | 24 | -20** |     | 4   | \$18 | \$72                                    | 3 | -3** |     | 0   | \$84 | \$0                                    |  |     |       |     |     |   | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid                               | 103 | 18  | 203 | 9   | Claims in excess of 20 |                  | 102 | 84  | 202 | 42  | Independent claims in excess of 3 |  | 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |                          | 109 | 84  | 209   | 42  | ** Reissue independent claims over original patent |   | 110 | 18  | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |                                  | <b>SUBTOTAL (2)</b> |     |       |     |     | <b>(\$72)</b>                      | <p>The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.</p> <p>*Reduced by Basic Filing Fee Paid</p> <p><b>SUBTOTAL (3)</b> (\$170)</p> |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| Large Fee Code   | Entity Fee (\$)  | Small Fee Code     | Entity Fee (\$) | Fee Description  | Fee Paid        |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 101  | 740  | 201                | 370             | Utility filing fee   | 740             |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 106  | 330  | 206                | 165             | Design filing fee  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 107  | 510  | 207                | 255             | Plant filing fee   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 108  | 740  | 208                | 370             | Reissue filing fee   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 114  | 160  | 214                | 80              | Provisional filing fee   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| <b>SUBTOTAL (1)</b>  |  |                    |                 |  | <b>(\$740)</b>  |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| Total Claims   | Independent Claims   | Multiple Dependent | Extra Claims    | Fee from below   | Fee Paid        |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 24   | -20**  |                    | 4               | \$18   | \$72            |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 3  | -3**   |                    | 0               | \$84   | \$0             |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
|  |  |                    |                 |  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| Large Fee Code   | Entity Fee (\$)  | Small Fee Code     | Entity Fee (\$) | Fee Description  | Fee Paid        |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 103  | 18   | 203                | 9               | Claims in excess of 20   |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 102  | 84   | 202                | 42              | Independent claims in excess of 3  |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 104  | 280  | 204                | 140             | Multiple dependent claim, if not paid                                      |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 109  | 84   | 209                | 42              | ** Reissue independent claims over original patent                         |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| 110  | 18   | 210                | 9               | ** Reissue claims in excess of 20 and over original patent                 |                 |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |
| <b>SUBTOTAL (2)</b>  |  |                    |                 |  | <b>(\$72)</b>   |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |                    |                    |              |                |  |    |       |     |     |      |   |   |      |     |     |      |  |  |     |       |     |     |   |                |                 |                |                 |                 |  |     |     |     |     |                        |                  |     |     |     |     |                                   |  |     |     |     |     |                                       |                          |     |     |       |     |  |   |     |     |     |     |  |                                  |                     |     |       |     |     |                                    |   |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |

\*\*or number previously paid, if greater; For Reissues, see above

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|-------------------|--------------------|-----------------------------------|--------|--------------------------|----------------|
| Name (Print/Type) | Patrick M. Boucher | Registration No. (Attorney/Agent) | 44,037 | Telephone                | 303-571-4000   |
| Signature         |                    |                                   |        | Date                     | March 29, 2002 |

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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/047,925         | 01/14/2002          | Raymond Moore         | 020375-008600US        |

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## FORMALITIES LETTER



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## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$72.  
    ▪ \$72 for 4 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 942.**

*A copy of this notice **MUST** be returned with the reply.*

*Jessica Hernandez*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

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